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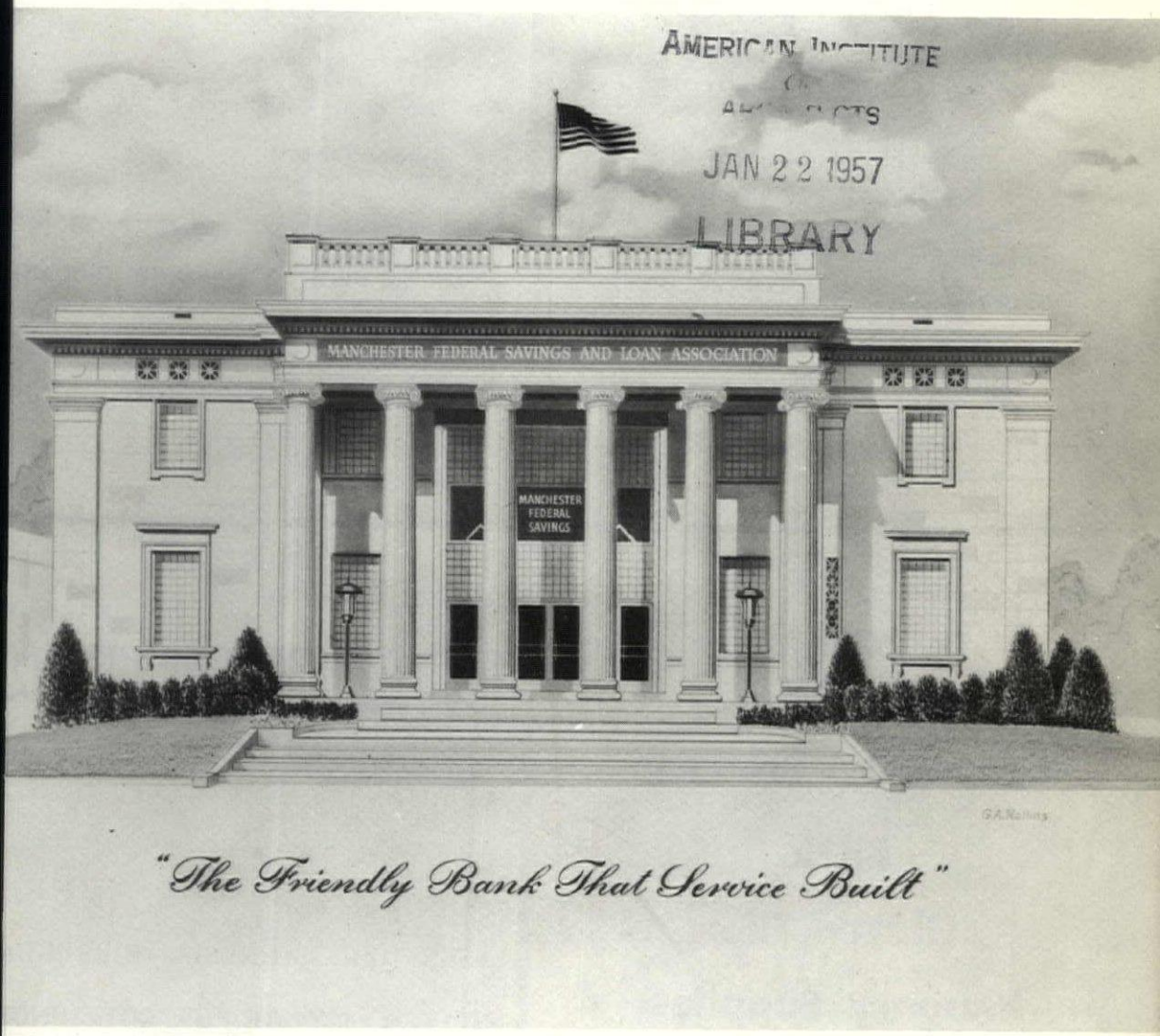
ARCHITECT



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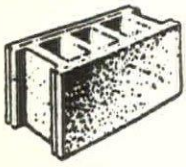

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New Hampshire ARCHITECT

VOL. 8 JANUARY, 1957 NO. 6

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COVER PICTURE

Manchester Federal Savings and Loan Association

All photos of Bank by—
Eric M. Sanford, Manchester

The President's Message

An interesting coordination exists in building design today. Basic physical forces are unchanging but methods of directing them and adapting them to the physical, economic and esthetic requirements of architecture are constantly being developed and revised to accommodate the progressing needs of vigorous architecture.

Achieving this coordination is one of the important objectives of our profession and to do it we seek assistance from many sources,— the most important of which, of course, are the mechanical, electrical, structural and acoustical engineers.

Probably a layman cannot realize the cooperative effort expended in planning the structures being built today. But we, as architects, are well aware; not only of our part, but we also know, and recognize, the indispensible assistance received from our engineering friends, whom we are happy to acknowledge as collaborators with our own profession.

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New Hampshire Chapter, A.I.A. Holds Quarterly Meeting

New Hampshire Chapter, A. I. A., held its regular quarterly meeting November 15 at the Manchester Country Club, attended by 45 members and guests. President Norman P. Randlett presided.

Several subjects were discussed by the members following the dinner, including republication of the fee schedule in a forthcoming issue of New Hampshire Architect.

President Randlett advised the membership that the February meeting would feature the Centennial Anniversary of the American Institute of Architects and that an outstanding program would be arranged. Details of the February meeting will be found in another column of this issue.

Acting Dean Walter F. Bogner of Harvard University entertained the members and guests with a talk and showing of colored slides on his trip to Europe, particularly pointing out the traditional and contemporary architecture of Holland, Germany, Austria and Hungary.

In attendance at the dinner and meeting were:

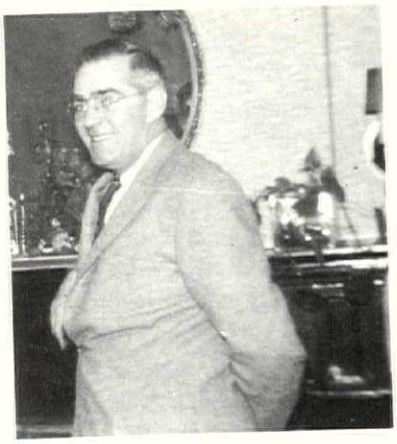
Members:

Eric T. Huddleston
John D. Betley
Horace G. Bradt
James A. Brodie
Mitchell P. Dirsa
Malcolm D. Hildreth
Nicholas Isaak
Richard Koehler
Joseph F. Lampron
Eugene F. Magenau
Leo P. Provost
Norman Randlett
Roland S. Simonds
Robert L. Snodgrass
George R. Thomas
Stephen P. Tracy
William L. White
Walter T. Williams
Maurice E. Witmer
Charles W. Chouramanis
Andrew C. Isaak
Salvatore Rubera
Norman Katz
Gordon V. Marshall

Guests:

Miss Vivian M. Garst
Mrs. Horace G. (Sally) Bradt
Mrs. Malcolm D. Hildreth
Mrs. Richard Koehler
Mrs. Eugene F. Magenau
Mrs. Leo P. (Florence L.) Provost
Dean Walter F. Bogner
Mrs. Roland S. Simonds
Mrs. Robert L. (Gertrude) Snodgrass
Mrs. Stephen P. Tracy
Mrs. William L. White
Mrs. Muriel G. Burbank
Mrs. Maurice E. Witmer
Mrs. Marjorie Rawson
Mr. Philip S. Tambling
Philip S. Tambling
Mrs. Charles W. Chouramanis
Mrs. Norman (Joanne) Katz
Mrs. Gordon (Ila) Marshall
Mr. and Mrs. John D. Sullivan
Charles H. Gray

PHILIP H. McGRANAHAN, JR.



Philip H. McGranahan, Jr., 42, widely known in New Hampshire, Maine and Vermont, as treasurer and office manager of the P. H. McGranahan Co., Inc., plastering contractors, died at his home in Manchester Sunday morning, November 11, after a brief illness.

Born in Manchester, he was the son of Mr. and Mrs. Philip H. McGranahan, Sr., and had been connected with the plastering business founded by his father, since 1935.

Besides his parents, he is survived by his wife, three children, a sister, Miss Arnoldine McGranahan; two brothers, Alderman John F. McGranahan and Arthur J. McGranahan, aunts, uncles, nieces and nephews, all of Manchester.

Mr. McGranahan was a member of several organizations including Associated General Contractors, National Bureau of Lathing and Plastering, Inc., Contracting Plasterers International Association, Derryfield Country Club, Knights of Columbus and the Holy Name Society of St. Catherine's Church.

The following tribute to Mr. McGranahan was written by Richard Koehler, A. I. A., member of the firm of Koehler and Isaac:

In Memoriam

Every so often a quiet steady man walks among those of us who must always run.

In this ever hurrying industry, ever hurrying to build so that more can be built, little time is taken to appreciate the men of real substance we daily work and live with.

There comes, then, this loss of a friend like Phil and only then our running stops, the tools are still, at last we take a breath to wonder when again we'll know another quiet steady man like Phil.

Roland Oakes, executive secretary of the Associated General Contractors, paid the following tribute to Mr. McGranahan:

THE MEASURE OF A MAN

Philip H. McGranahan, Jr.

Any embellishment of the word "good" describing Phil McGranahan would seem insincere . . . good husband and father, good businessman, good fellow, and good friend to all whose lives he touched.

With over twenty year's background in his vocation, he was treasurer of P. H. McGranahan Company. He received his formal education in pubic and private schools of Manchester, New Hampshire, and Malden, Massachusetts. During World War II he served in the United States Air Force for forty-two months. His wife Catherine, and three children, Eileen, Philip III, and Mary Susan, reside on Sagamore Street in Manchester, New Hampshire.

Phil left more than the plastered interiors of buildings . . . a manifestation of immortality to his friends . . . he cannot die, he has only gone away.

W. BROOKE FLECK NAMED CONSULTANT FOR NEW AGC BUILDING

W. Brooke Fleck, Architect, Hanover, was introduced at the December meeting as the consultant for the association in designing a new AGC office building. Mr. Fleck was selected by lot at the suggestion of the A.I.A. Chapters in New Hampshire and Vermont. The architect furnished working drawings to the association at this meeting. Further details on the proposed office building will be available at a later date.

An excerpt from the August 1955 issue of PROGRESSIVE ARCHITECTURE as reprinted in the September 1956 Newsletter of the National Association of Physical Plant Administrators of Universities and Colleges.

I don't know . . . I just don't know . . . You figure and figure and calculate and calculate and reckon and reckon and the prices on public work come in scrambled from here to there. You look your client square in the retina while you are clinching that job and allow as how you are reasonably certain you can get it built at that figure. Then ensues the ulcer-producing phase. It appears that the contracting fraternity of late seem to be acting more like the gambling fraternity. Figures do not make sense anymore. I once took a course in estimating. Nothing was ever said about hunger of contractors, neat timing of bid requests, fortuious bond markets (in the case of schools), busy subs, very busy subs, and modulus of contractors' bonding elasticity.

If you put out a job complete with a passel of inquisitive alternates you lose sensitive bidders. If you put out a job with no alternates you have no previously prepared position to which you can retreat. If bids are due on Monday, you should have made it Tuesday — the weekend does not count as useful time for contractors' receipt of sub bids, for the subs prefer to submit their figures at the last possible moment to prevent horse-trading tactics. If bids are due on Friday, you should have made it Monday — for weekend pencil sharpening. If your bid due date follows a holiday, then you had better leave town — for you have committed a mortal sin. "Why did you have to have so many unit prices? . . . The proposal form looks like yesterday's final stock prices . . . And look at those alternate prices!"

One feller says if you add plaster, add umteen thousand dollars to the base bid which by this time is not base enough. Another feller says **deduct** umteen thousand dollars for the same blankety blank plaster work. From goings on like this we learn **what** to do the next time? I should say nay. I've had it. I'm beat. I'm going home to mother.

Left to Right: Halsey Weaver, Treasurer; James Sprouse, Manager, Highway Division, AGC of America; Arthur Whitcomb, Past-President; Paul Harvey, President; Reginald Bisson, Secretary.

The following 1957 officers were elected at the annual meeting of the Associated General Contractors of New Hampshire and Vermont held at the N. H. Highway Hotel, Concord, December 13, 1956:

Paul Harvey, Harvey Construction Company, President; Rod Maynes, Earle & Merry, Inc., Vice-President; Reginald Bisson, W. M. Bisson & Son, Secretary; Halsey Weaver, Weaver Brothers Construction Company, Treasurer. And the following Directors: David W. Davison, O. W. Miller, Parker H. Rice, Eugene Morrissey, Jr.

James Sprouse, newly-appointed Manager of the Highway Division, Associated General Contractors of America, was the guest speaker and emphasized the need for greater co-operation between State Highway Officials and General Contractors in order to expedite the expanded highway program.

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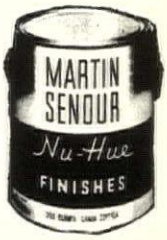

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N. H. CHAPTER TO OBSERVE A. I. A. CENTENNIAL

During 1957 the American Institute of Architects will observe its centennial. The New Hampshire Chapter will participate during the year in the activities, commencing with its meeting February 21.

At that time Mr. Leon Chatelaine, Jr., of Washington, D. C., the President of the Institute, will attend our meeting and address the chapter members and their guests.

A committee including Norman P. Randlett, Eugene F. Magenau, Walter T. Williams, and John D. Betley are preparing the many details of the affair which will be held at the New Hampshire Highway Hotel in Concord.

A. J. DENSMORE, JR. BANK DIRECTOR

Alfred J. Densmore, Jr., an official of the Densmore Brick Company of Lebanon, has been elected a director of the Lebanon National Bank, succeeding his father, Alfred J. Densmore, who is retiring.

SPECIAL MEETING TO BE HELD JANUARY 31

As noted elsewhere in this issue, the New Hampshire Chapter is recognizing the Institute Centennial at its February meeting. Because of the guests who will be present it seems advisable that no business be conducted at this meeting. Normally delegates to the National Convention would be chosen at this time, a nominating committee would be appointed, and routine affairs would be discussed. So that this can be done at an appropriate time, the Executive Committee has authorized a special chapter meeting on January 31 in Manchester. As usual announcements will be mailed giving more details.

DAVISON AWARDED SCHOOL CONTRACT

David W. Davison of Manchester has been awarded the contract for the construction of the new elementary school at Rochester, the building committee of the Rochester School Board has announced.

Tracy and Hildreth, Nashua architects for the new school, announced that construction of the new school will commence early in 1957.

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N. H. AWARDS

BOSTON — Contract awards for future construction in New Hampshire in November totaled $8,041,000, the highest dollar volume ever recorded for any November and 25 percent above November 1955, it was reported by James A. Harding, district manager of F. W. Dodge Corporation.

According to Dodge Reports, individual November awards by major construction categories showed: total building classifications at $5,840,000, up 41 percent over November 1955; and in addition, heavy engineering at $2,201,000, down four percent from the like month 1955.

The cumulative total of awards for the first eleven months this year amounted to $83,376,000 or 11 percent above the comparable 1955 period.

Individual first eleven month categories compared with the like 1955 period showed: total building classifications at $59,719,000, up six percent; and in addition, heavy engineering at $23,657,000, up 24 percent.

Huron School, Huron, Ohio, designed in architectural concrete by Harold Parker and C. Edward Wolfe, associate architects of Sandusky, O.

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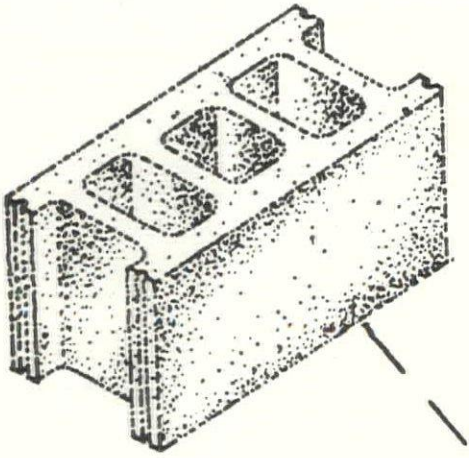

DURACRETE

Archer Hudson and Gordon Ingram, Hanover architects, and Charles J. Fiske, general contractor of Woodstock, Vt., participate in ground-breaking ceremonies to start construction of expansion of Hanover High School. The project is to cost $590,000. Also participating were school officials of Hanover.

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HOUSE DESIGNED BY MARGARET KING HUNTER FEATURED IN LIFE MAGAZINE

In their December 24th special double issue, Life magazine displayed photographs of a house designed by Margaret King Hunter, partner in the architectural firm of E. H. and M. K. Hunter. Mrs. Hunter graduated from Wheaton College, Norton, Mass., and studied architecture at Harvard Graduate School of Design. She is a member of the American Institute of Architects and the Society of Women Engineers.

Parents: Rev. and Mrs. T. King, Upper Montclair, N. J.

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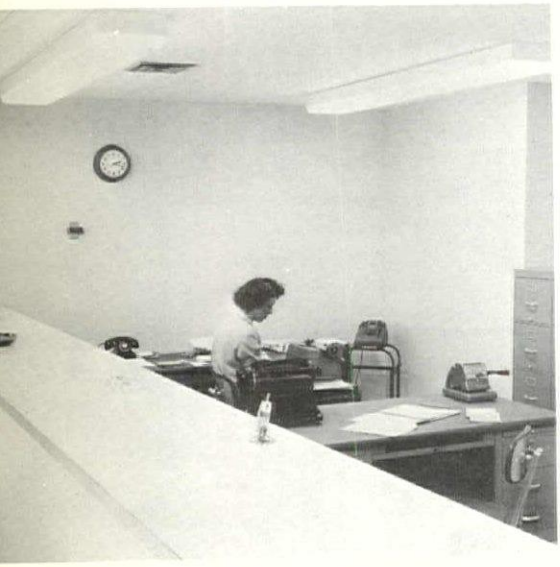

David W. Davison, general contractor, ha moved into his newly constructed headquarter in Hooksett, opposite the new State Industria Park on the Daniel Webster Highway.

The new office and warehouse is constructed o cement blocks, with a warehouse 50′ x 113′ an modern office building 24′ x 56′. Adequate park ing facilities and landscaping add to the beaut of the new buildings.

Provisions have been made for a conferenc room, general office area, president's offic estimating room and toilet and shower facilitie

Located in the new fast growing industria area, Mr. Davison states that his new locatio will enable him to offer more efficient service t his clients throughout the state.

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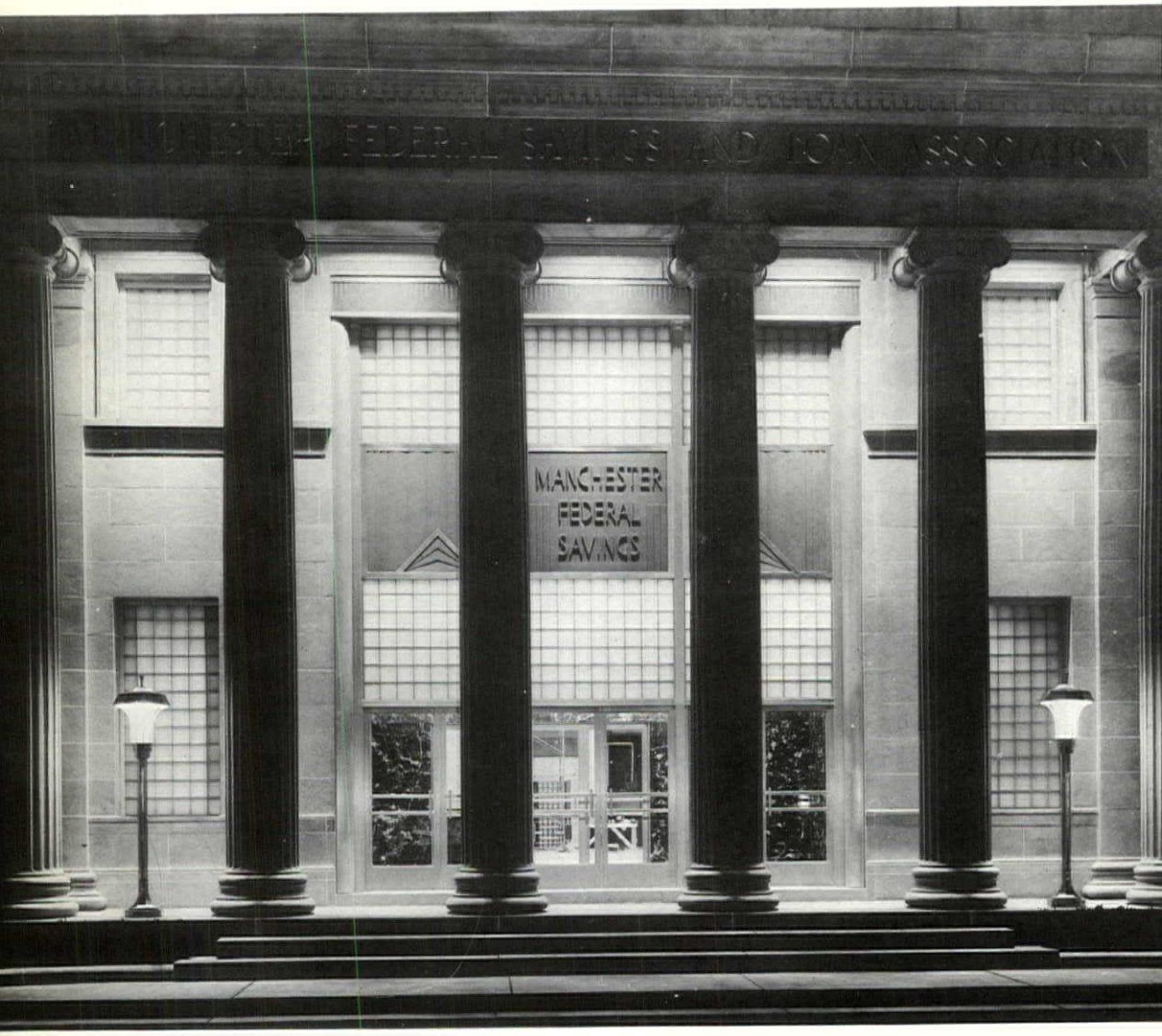

NEW Hampshire's largest and fastest-growing federal savings and loan association has recently moved into a magnificent granite and glass brick building which is characterized by architects and bankers as the "largest, most modern and most beautiful" in the Granite State.

Manchester Federal Savings and Loan Association grew from $500,000 in 1915 when Harry C. Jones, its present executive officer, took command, to upwards of $46,000,000 today. The institution is equally proud of the fact that it has consistently paid the highest average savings dividend in New Hampshire since its founding in 1887.

The new building, designed on classical lines with six graceful Ionic columns and a splendid portico at its front, is new in the sense that its present occupants stripped an existing building (formerly occupied by the New Hampshire Fire Insurance Co.) to four bare walls and a foundation. Total remodelling then took place, inside and out, so that now even the exterior bears only a faint resemblance to the original structure.

Three Levels

The interior of the building is constructed on three levels: basement, ground floor and second floor.

The main banking room, which is reached through a lobby of warm red polished marble, measures 80 feet in length, by 50 feet in width, by 20 feet in height. It is dominated at the far end by an historical mural depicting the history of Manchester from colonial times to the present. To the left are 11 tellers' stations, with the accounting department in the rear. To the right are batteries of secretaries' desks and the handsome partitioned offices of the loan department. The mahogany-paneled offices of President Jones and his assistants face this enormous main banking room from the front of the building.

The entire east side of the second floor, which may be reached by an automatic elevator or stairways, is devoted to the legal department, which has its own photographic darkroom for duplicating records. The west side is reserved principally for future expansion, with the capacity of the building estimated at approximately three times the association's present volume of business.

(Continued on Page 20)

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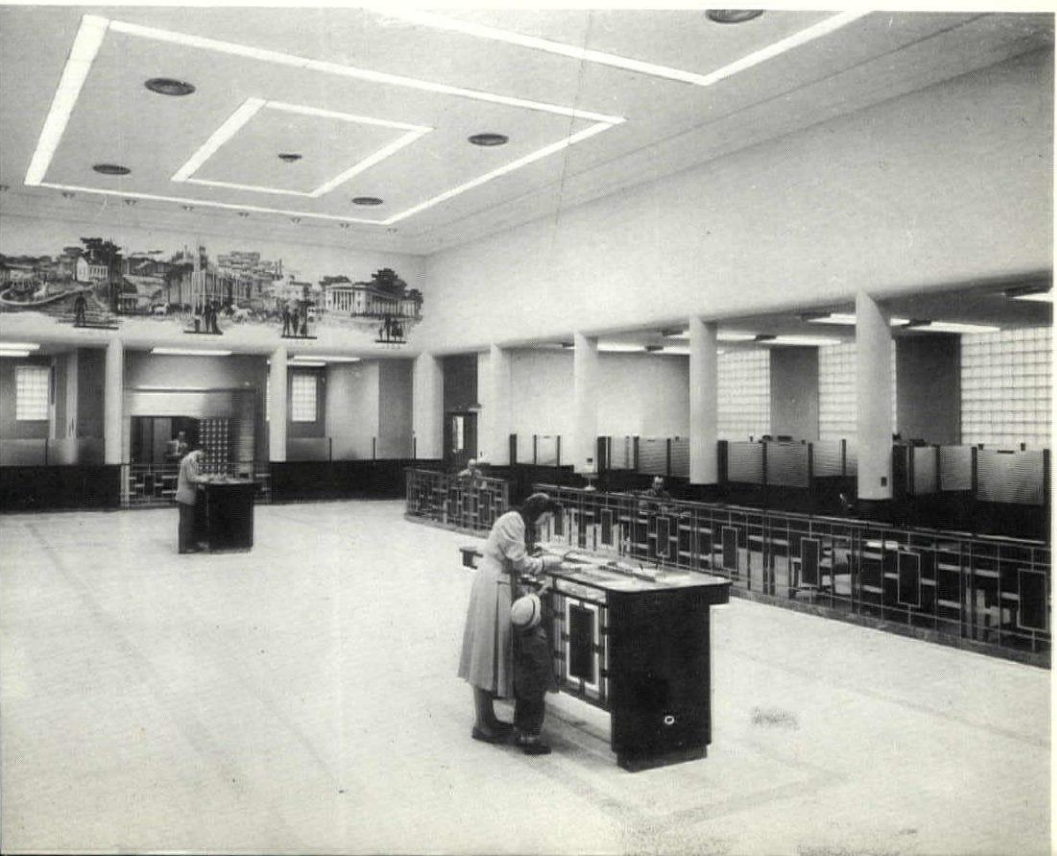
Interior View of Manchester Federal Savings Bank Before Alteration

Fire Insurance
chester Federal

Completed Interior Showing Problems Worked Out by Building Committee and Architect



(Continued from Page 17)

The Cafeteria

The basement of the building features an ultra-modern staff cafeteria and lounge, equipped with radio-television, hi-fi music and comfortable furnishings. Here, employees may purchase complete meals or snacks at less-than-cost prices.

The basement level, accessible (if desired) by separte entrance from the parking area, also houses two large "friendship Rooms" which are to be made freely available for use by local service clubs and church or civic groups.

Among other advanced features, the building is air-conditioned throughout. The floors of the main banking room are of rich, multi-colored terrazzo tile, with rubber tile behind the tellers' stations and bookeeping area, and handsome wall-to-wall carpeting in all executive offices. Desks and furniture are of matching walnut. Recessed lighting softly, yet clearly, illuminates the entire building.

President Jones gives full credit for this notable achievement in the mating of beauty with utility to his Building Committee, headed by Harry D. Easler, vice president and chairman of the board, assisted by Directors S. Kenneth Bruce and Med M. Chandler. The architect and general contractor are, respectively, Carl E. Peterson and Blanchard Stebbins, both of Manchester, N.H.

At "Open House" more than 10,000 visitors inspected the new headquarters of Manchester Federal Savings—a new record for New Hampshire. The affair, incidentally, was filmed for television and later broadcast to give visitors an opportunity to refresh their memories and see themselves on television, and to give others who could not be present a pictoria tour of the new facilities.

The recent move to the corner o Hanover and Pine Streets in Manchester's new Civic Center marks th second time in less than 20 years tha fast-growing Manchester Federal Savings and Loan Association has outgrown its building.

Sub-contractors and suppliers of material who participated in the construction of the Manchester Federal Saving bank building were:

Plumbing, Heating and Air Conditioning—I C. Peabody Co., Inc., Manchester.

Electrical—John J. Reilly, Manchester.

Air Conditioning Units—New Hampshire Yor Co., Manchester.

Steel—Lyons Iron Works, Inc., Manchester.

Roofing—A. W. Therrien Co., Manchester.

Plastering—P. H. McGranahan Co., Inc., Mar chester.

Glazing—Pittsburgh Plate Glass Co., Mar chester.

Painting—Abbott's Painting & Decorating Co Inc., Manchester.

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Tile Flooring—Barrett Floor Co., Bedfor Mass.

Wall Panelling, Formica Counter Tops-Hermsdorf Fixture Manufacturing Co., Inc Manchester.

Business Equipment, Office Furnishings—R. I Llewellyn Co., Inc., Manchester.

Landscaping—Gould & Winslow, Concord.

Waterproofing—Western Waterproofing Co Boston, Mass.

Lighting Equipment—Metallic Arts of N. E Cambridge, Mass.

Marble—Vermont Marble Company, Procto Vt.

Building Materials—Muir Lumber Corp., Mar chester.

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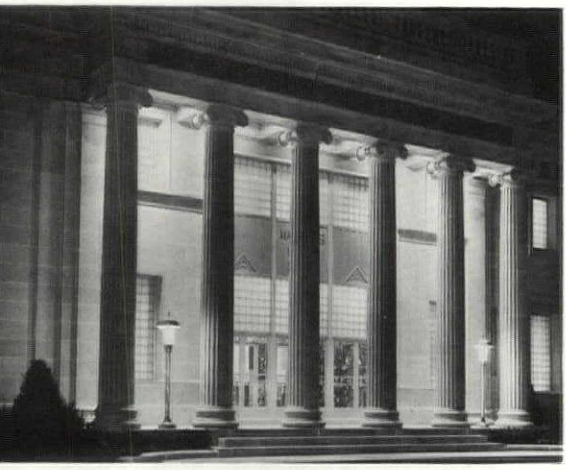

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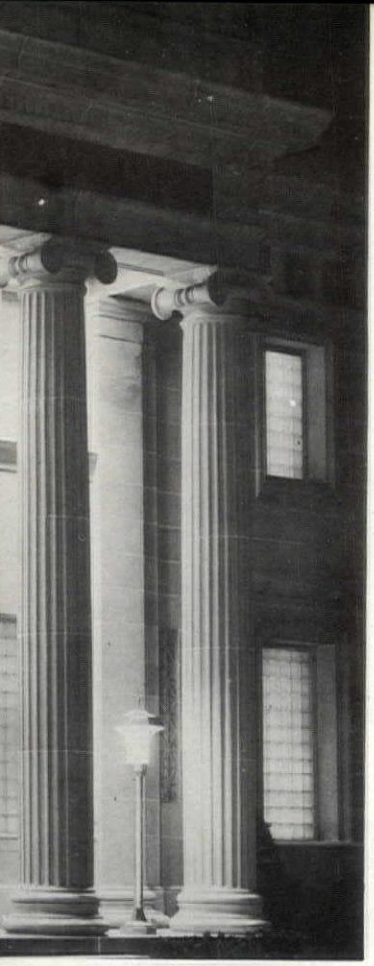

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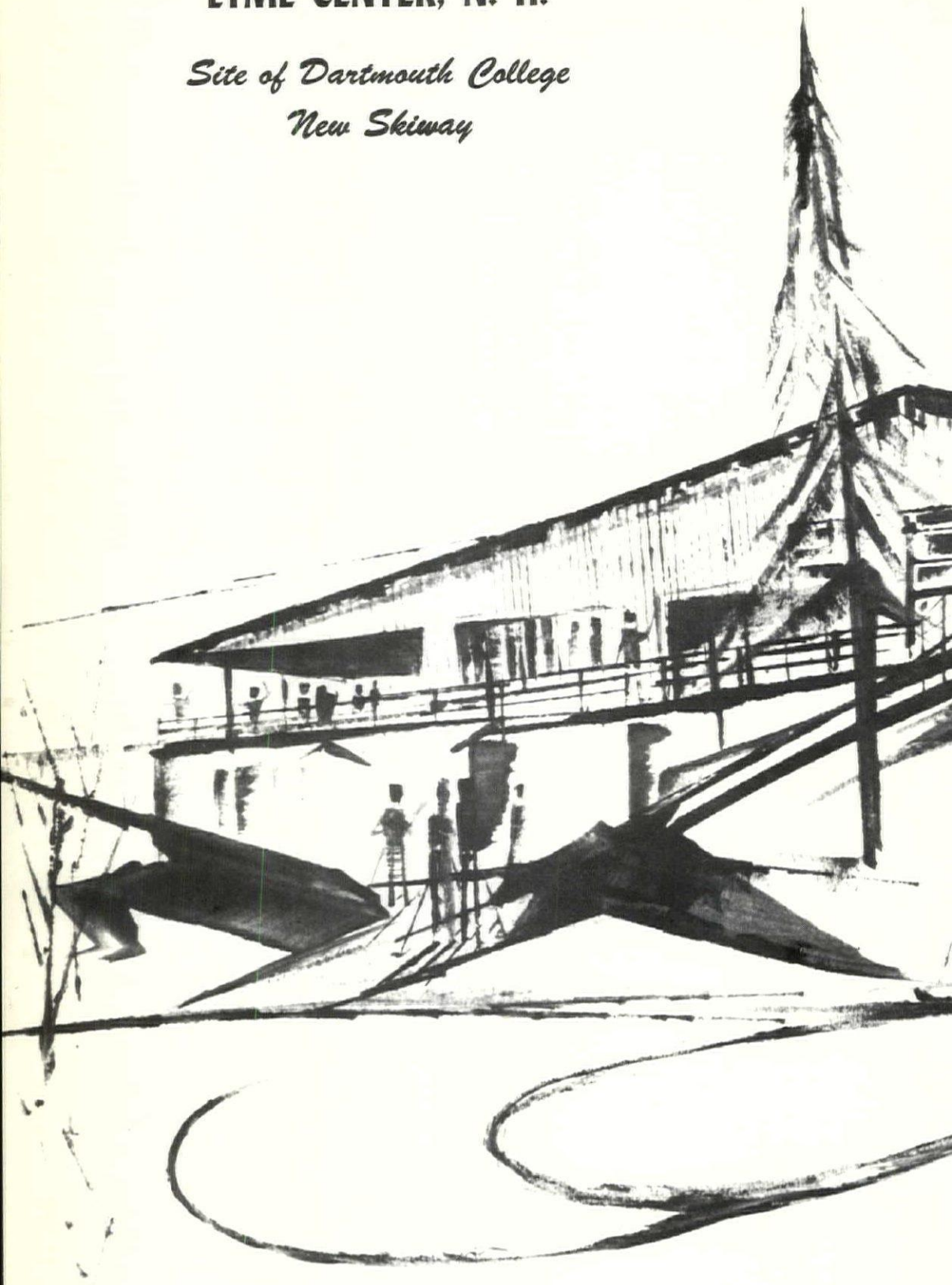
BRUNDAGE LODGE

LYME CENTER, N. H.

Site of Dartmouth College
New Skiway

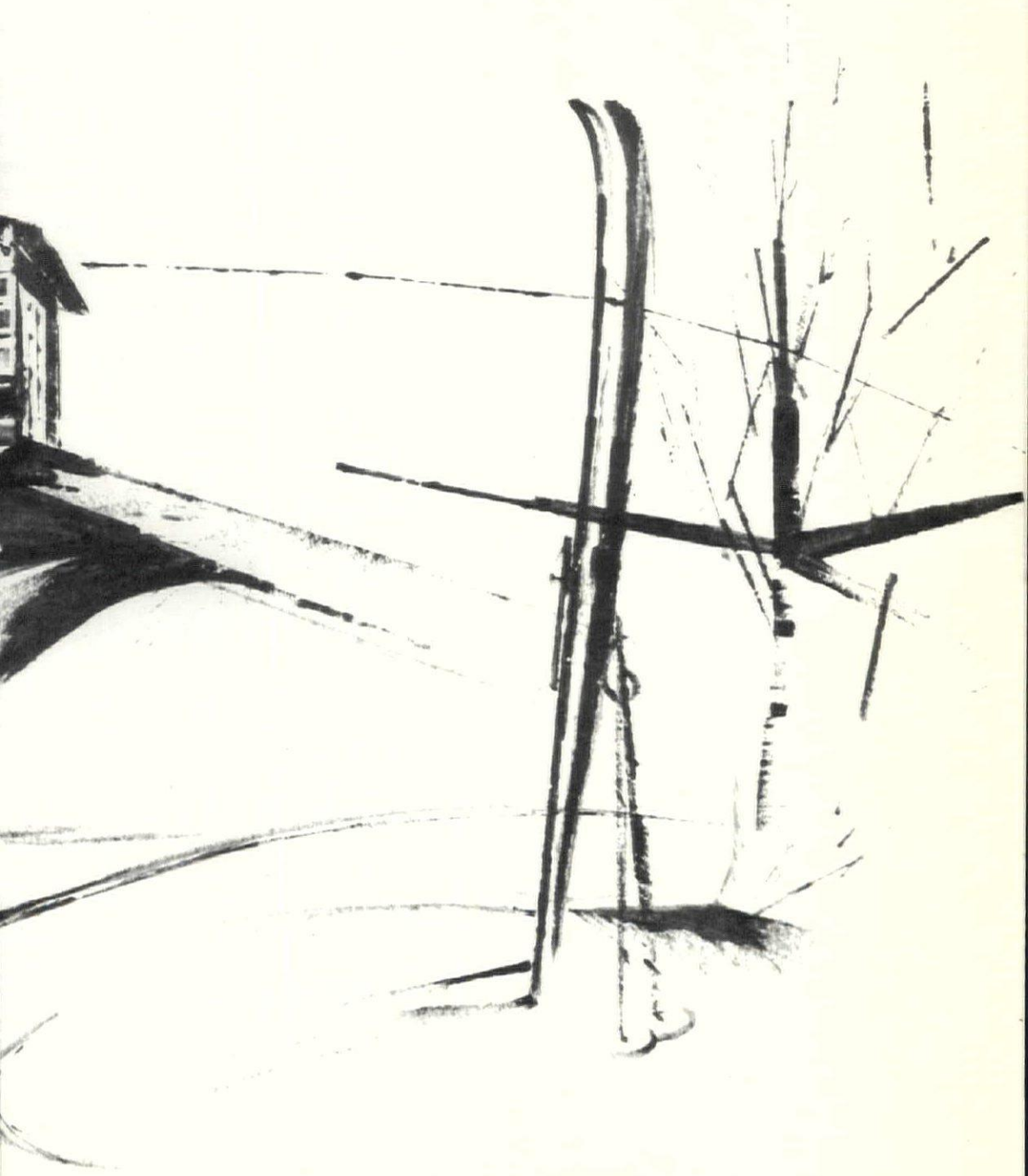


W. Brooke Fleck, A. I. A.
Hanover, N. H.
Architect

Millard R. Uline
Lyme, N. H.
General Contractor

Fred Winslow, Woodstock, Vt., *Mechanical Engineer*

John H. Minnich, Etna, N. H., *Structural Engineer*



BRUNDAGE LODGE - *Dartmouth College*

As Dartmouth College's new ski area took shape and the trails promised fine skiing, the need arose for a lodge to house the facilities for the creature comforts of the skiers. The generous gift of a Dartmouth graduate, Mr. Charles E. Brundage, made possible this lodge as a memorial to his son Peter.

The only possible location for the ski lodge was on a steep slope across the narrow valley from the Pomalift with a fine view of all trails and an orientation which allowed the early afternoon sun to warm the terraces and penetrate deep into the upper floor.

Except for the kitchen which will serve coffee and sandwiches, the entire upper floor is one large space for eating, warming, sunning and observation. The observation level 18" above the main first floor level, has large areas of glass to the south and west and provides seating space on a semi-circle around the fireplace located on the east wall. Exterior terraces at first floor level will be used for observation and eating as the late winter sun gains some warmth. The kitchen is planned with serving counters opening not only to the interior but to a covered portion of exterior terrace.

The downstairs is given over to a small office, toilet facilities for men and women, a first aid room with separate toilet and lavatory, a ski patrol room, a waxing room, telephone booth and boiler room. The toilet facilities are available from the exterior as well as the interior and can be isolated for use by skiers when the rest of the building is closed. At the main entrance and at the exterior entrances of the toilets there are aluminum grilles over shallow pits to do away with snow and ice from ski boots before reaching the interior floors. The problem of melting snow from ski boots and clothing dictated a reinforced concrete slab with membrane waterproofing for the upper floor and the floors throughout the building have a non-slip aggregate trowelled into the concrete wearing surface.

The heating is accomplished almost en tirely by unit heaters with a boost unde the large windows of baseboard fin-tub radiation. An artesian well provides th water and a septic field far down strea takes care of the waste. The lighting c the large upstairs room is handled b direct-indirect swivel units mounted o the face of the walls. There is provisio for future flood-lighting and a flue is in corporated in the chimney for a futu incinerator.

The design of the other buildings nece sary to the area, such as ticket booth storage shed, rope tow motor house, an summit control booth, will take the theme from the Lodge. An overall pa tern of color on signs, towers and buil ings throughout the area is being studie for complete integration.

(Continued on Page 30)

MILLARD R. ULINE

LYME, NEW HAMPSHIRE

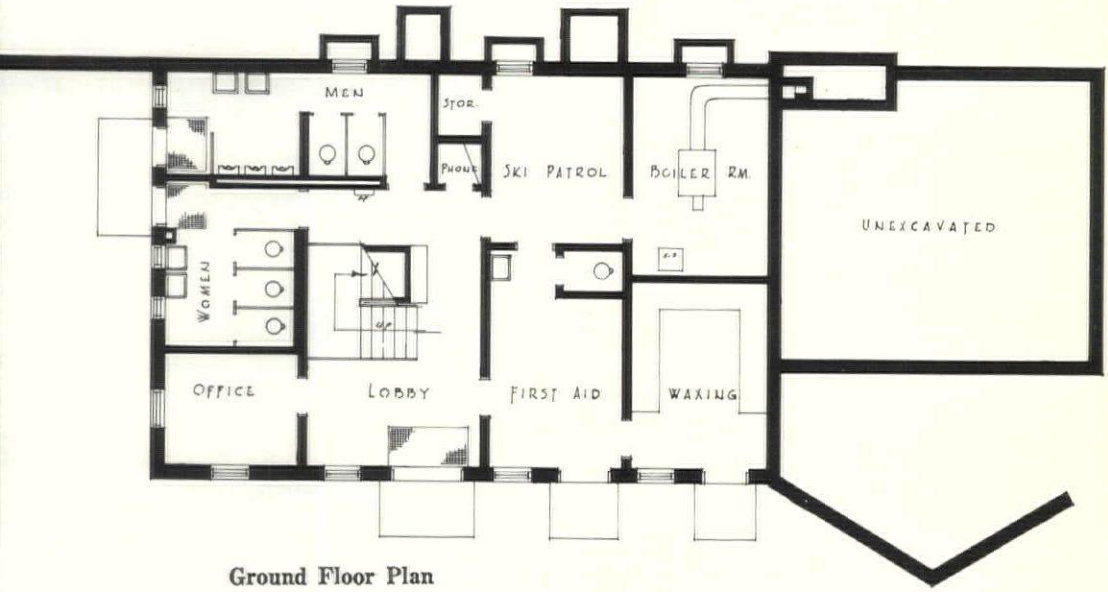
Tel. PYramid 5-6861

●

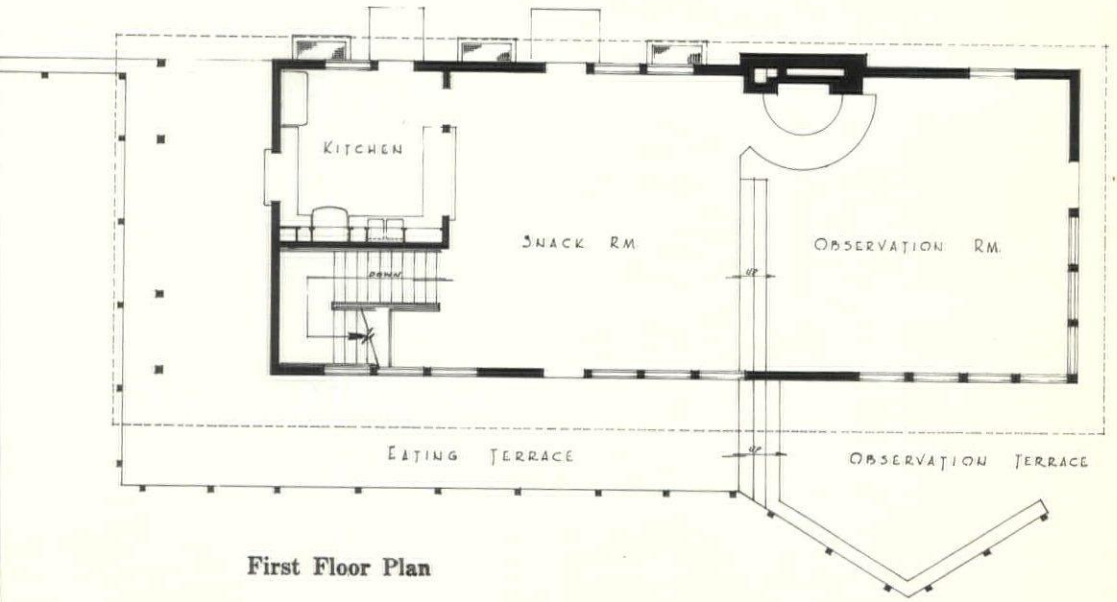
General Contractor

for the

Brundage Lodge



Ground Floor Plan



First Floor Plan

View From Ski Slopes, Showing Setting

(Continued from Page 28)

Sub-Contractors:

Electrical—Norwich Electric Co., Norwich, Vt.

Plumbing & Heating—Herbert Kuehn, Hanover, N. H.

Roofing—Al Melanson Co., Inc., Keene.

Toilet Partitions—Maurice Laframboise, Manchester.

Redi-Mix Concrete—Millers' Redi-Mix Concrete, Inc., West Lebanon.

Sonneborn Products and Fire Place Damper—Densmore Brick Co., Lebanon.

Excavating Concrator—Roy Abbott, Lyme.

Outdoor Furniture—Standard Fence Co., Manchester.

Materials:

Roof—Mineral surfaced roofing on 1" of in sulation. 2" Douglas Fir decking spans th 4'- 0" between the 6"x 14" Douglas Fir Beams.

Walls, 1st Floor—2 x 6 studs, diagonal sheath ing, faced both sides with vertical "V" groov random width cedar panels. Batt insulation.

Floors—Reinforced concrete with membran waterproofing and non-slip wearing surface.

Walls, ground floor — Reinforced concret against earth load-bearing concrete blocks fo all other interior and exterior walls of groun floor.

Interior doors & frames—Hollow metal.

Toilet Partitions—Flush hollow metal.

We Were

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on the

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Lyme Center, N. H.

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FEE SCHEDULE WILL BE REPRODUCED IN FEBRUARY

As a result of a general discussion at the November meeting of New Hampshire Chapter, A.I.A., President Norman P. Randlett announces that New Hampshire Architect will publish the Fee Schedule in the February Issue.

At the meeting, Secretary Walter T. Williams pointed out that the schedule had not been printed since the May 1954 issue, which is now out of print, and that his office had received numerous requests for these schedules in recent months, from New Hampshire Architects and those practicing in other states.

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REPORT BY ARCHITECTS SUBMITTED TO U. N. H.

On December 27 a report prepared by Norman P. Randlett, Stephen P. Tracy and Maurice E. Witmer was presented to President Eldon L. Johnson of the University of New Hampshire.

The report included seventy seven replies to a questionnaire sent to secondary school principals throughout the state. Thirty one principals indicated that an active interest in the study of architecture had been expressed by pupils within the last two years.

Included in the report was a suggested five year curriculum, which included many subjects already offered by the University.

President Johnson will submit this report to the Trustees of the University at its next meeting for further consideration.

PARENTEAU REPORTS ON OKLAHOMA MEETING

Walter Parenteau of Manchester, president of the New Hampshire Association of Plumbing Contractors, gave a report of the presidents and secretaries meeting which he attended in Oklahoma City recently, at the regional meeting of the association last month at the Rockingham Hotel in Portsmouth.

The meeting, which also included a Christmas party for the ladies, was arranged under the direction of Edgar Wood of Portsmouth and Mrs. Jude Rainville of Rochester.

Leonard Kiley of Salem, Mass., a national director, was the speaker at the meeting.

NEW MEMBERS ADMITTED TO N. H. A. I. A.

James A. Brodie of Durham has been admitted to Corporate Membership in New Hampshire Chapter, A. I. A., according to an announcement by Walter T. Williams secretary of the chapter.

At the same time Mr. Williams announced that George C. Soule of Manchester had been unanimously elected an associate member of the chapter at the November meeting.

At the same meeting, Richard E. Garnsey of Rochester was elected unanimously as a junior associate of the chapter.

REILLY TO CONSTRUCT MODERN BUILDING

Construction of a modern one-story building, 80′ x 120′ on South Willow street in Manchester, has been recently announced by John J. Reilly, one of New England's foremost electrical contractors.

In disclosing his plans, Mr. Reilly said that construction of the new building will start early in the spring and will be designed to house a modern plant and office building. The office building will be 30 x 50 feet.

Mr. Reilly has been an electrical contractor for the past 23 years, with offices at 53 Hollis street which have proved inadequate. Approximately 60 persons are employed the year round to take care of local and state construction, but at the present time, Mr. Reilly disclosed, he has about 150 men working on a large government project in Middletown, Conn.

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Progress Report

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Mortgage Loans	2,530,668.24	41,019,225.97	1521%
Savings Accounts	2,204.803.49	38,605,025.70	1651%
Surplus and Reserves	255,566.25	4,529,904.57	1672%
Members	2,737	24,586	798%

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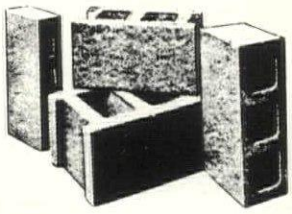

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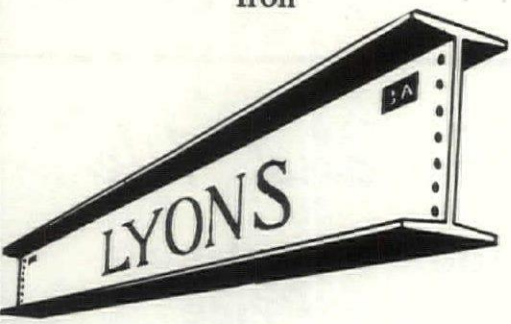

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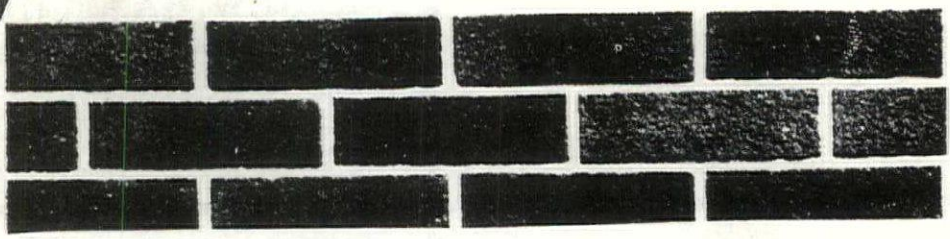

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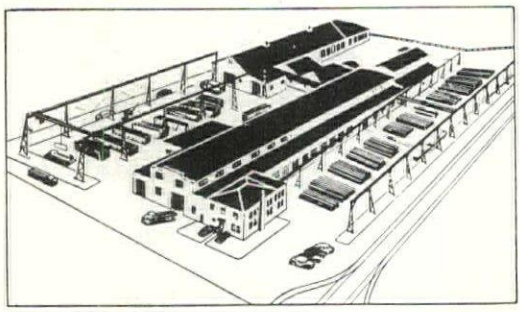

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